

Review of Piedmont Natural Gas Company's Gas Rate Stabilization Act Monitoring Report for the Period Ending March 31, 2020

South Carolina
Office of Regulatory Staff

September 1, 2020

Introduction

On February 16, 2005, the Natural Gas Rate Stabilization Act ("RSA"), S.C. Code Ann. § 58-5-400, was signed into law. The South Carolina Office of Regulatory Staff ("ORS"), in accordance with the RSA, conducted an examination of Piedmont Natural Gas Company's ("Piedmont" or "the Company") Monitoring Report for the twelve-month period ended March 31, 2020 ("Review Period"). The examination was conducted for the purpose of determining the Company's compliance with the provisions of the RSA.

Pursuant to the RSA, the Company must file Monitoring Reports with the Public Service Commission of South Carolina ("Commission") and the ORS on or before the fifteenth of June. In Docket No. 2020-7-G, Piedmont filed its Monitoring Report with the Commission on June 15, 2020 ("Company's Request"). The Company reported in its March 31, 2020 Monitoring Report an adjusted rate of return and return on common equity of 5.91% and 7.24%, respectively. The Company's calculation of revenue requirements totaled an increase of \$12,446,419 consisting of a \$15,428,794 margin increase and a \$2,982,375 decrease for demand cost over-recovery.

In accordance with the RSA, ORS's audit reports are provided to the Commission, the Company, and made available to all interested parties no later than September first. ORS's review of Piedmont's Monitoring Report focused on the Company's adherence to the RSA and applicable Commission Orders. This report details the results of ORS's examination.

ORS appreciates the Company's efforts to present its books and records in an accurate and transparent manner. Piedmont's response to ORS's discovery and questions was timely and thorough. On August 21, 2020 ORS discussed with the Company the results of its examination.

RSA Rates History

In accordance with the guidelines of the RSA, the Company is entitled to an adjustment in rates sufficient to achieve a return on common equity as set by previous Commission Order, currently 12.60%. Table 1 shows the requested and approved changes granted for prior RSA filings and a comparison to the current filing.

Table 1:

Docket No.	Order No.	Amount Requested	Change in Revenue per ORS Report	Amount Granted	Approved Return on Equity	Rates C Effective
2016-7-G	2016-705	\$14,910,332	\$12,727,664	\$7,655,078	10.20%	11/1/2016
2017-7-G	2017-624	\$17,552,834	\$12,094,357	\$5,829,357	10.20%	11/1/2017
2018-7-G	2018-679	(\$5,686,837)	(\$13,643,555)	(\$15,990,582)	10.20%	11/1/2018
2019-7-G	2019-730	\$16,964,048	\$16,972,886	\$10,127,266	9.90%	11/1/2019
2020-7-G	TBD	\$12,446,419	\$11,583,831	TBD	12.60%	11/1/2020

ORS Review

ORS examines the operating experience reported by the Company for the Review Period together with the associated revenue requirement calculations. The results of ORS's examination of the Monitoring Report and the underlying financial records through March 31, 2020, are contained in **Schedule 1**.

<u>Schedule 1</u> presents the Company's operating experience, rate base and rates of return for the Review Period, and the accounting and pro forma adjustments which ORS has determined are necessary to normalize the Company's operations.

Utilizing the per book rate base of \$407,654,769, and income of \$30,532,558, a rate of return was calculated on per book operations of 7.49% with a corresponding return on common equity of 10.30%. ORS accounting and pro forma adjustments decreased net operating income for return to \$24,506,333 and decreased rate base to \$407,553,837. A rate of return of 6.01% and a return on common equity of 7.47% were computed by ORS. After the adjustments for the proposed margin increase of \$14,567,548 and a decrease for demand cost over-recovery of \$2,983,717, net operating income for return increased to \$35,433,501. The rate of return on rate base computed by ORS after the adjustments for the proposed margin increase and demand cost over-recovery is 8.69%. The return on common equity is 12.60%.

<u>Schedule 2</u> presents an explanation of the accounting and pro forma adjustments ORS recommends for the Company's Monitoring Report to conform to S.C. Code Ann. §§ 58-

5-430 and 58-5-440. For comparative purposes, the adjustments of both the Company and ORS are presented on Schedule 2.

<u>Schedule 3</u> presents the calculation of the weighted cost of capital used by ORS in calculating the Company's return on common equity both before and after ORS's adjustments for the proposed margin increase. The rate base, as shown on Schedule 1, is allocated between long-term debt and common equity using the Company's actual capital structure of 52.31% Common Equity and 47.69% Long-Term Debt for the Review Period. The as adjusted amount of total income for return necessary to cover an embedded cost rate of 4.41% on long-term debt is computed to be \$8,571,383. The remainder of the total income for return of \$15,934,950 is income to common equity. This produced a return of 7.47% on common equity before the proposed increase. The overall cost of capital after accounting and pro forma adjustments, prior to the proposed increase, is 6.01%. The cost of capital after the proposed increase equals 8.69%.

Non-allowable Expenses

PNG proposed a total non-allowable adjustment of (\$724,768), comprised of (\$4,097) for lobbying, (\$98,486) to remove fifty percent (50%) of aviation expenses and (\$622,185) for other non-allowables. ORS's proposed total non-allowable expense adjustment is (\$778,863), which is comprised of ORS Adjustments #3I, #3m and #3n. Below is a description of the categories of non-allowable expenses identified by ORS.

- Excessive Operating Expenses Excessive expenses not considered necessary for ratemaking such as aircraft flights, late payment fees and moving expenses.
- Lobbying Expenses related to political purposes.
- Recreation, Entertainment or Non-Essential Employee Benefits Expenses not considered necessary for ratemaking such as refreshments, parties and membership and association dues for non-professional organizations.
- Development Grants and Sponsorships Costs of sponsorships and grants to non-profit organizations that do not directly relate to the provision of safe and reliable gas operations or increase total system sales and customers.
- Company Agrees Non-Allowable Expenses ORS selected for testing for which the Company agreed were non-allowable expenses.
- Insufficient Documentation Expenses ORS selected for testing for which the Company noted there was not enough documentation available to support the expense.
- Wrong Jurisdiction Expenses related to another jurisdiction but were mistakenly included for recovery from the Company's South Carolina customers.

Employee Incentive Pay and Executive Salary

ORS's Adjustment #3o for incentive pay and executives' salaries and benefits totals to (\$703,271). ORS recommends an adjustment of (\$686,752) to remove the portion of Long-Term Incentives and Short-Term Incentives for all employees allocated to South

Carolina natural gas operations for the Company's Earnings per Share ("EPS") and Total Shareholder Return ("TSR") goals. Performance metrics for incentive compensation such as EPS and TSR solely benefit the Company's shareholders.

ORS also recommends an adjustment of (\$16,519) to remove fifty percent (50%) of the base pay and benefits paid to the Company's four (4) highest compensated executives allocated to the Company's South Carolina natural gas operations. These four (4) executives' job duties are solely focused on increasing value for the Company's shareholders.

ORS also recommends Adjustment #5f in the amount of (\$52,746) to remove the payroll tax expenses associated with the incentive pay and the 50% of base pay and benefits for the Company's (4) highest compensated executives removed in ORS Adjustment #3o.

In addition, PNG capitalizes a portion of employee incentives and associated taxes for work related to plant-in-service. Commission Order No. 2019-730 required the Company to report to ORS the employees whose incentive pay has been capitalized and included in rate base and the amount thereof. The Company complied with the Commission's Order by providing that information to ORS.

Capital Structure

S.C. Code Ann. § 58-5-440 contains requirements for the March Monitoring Report and states:

(1) if the utility's earnings exceed the upper end of the range established in the order, the utility shall calculate the reduction in revenue required to lower its return on equity to the midpoint of the range established in the order; or (2) if the utility's earnings are below the lower range established in the order, the utility shall calculate the additional revenue required to increase its return on equity to the midpoint of the range established in the order.

The range is 12.10% to 13.10% with a midpoint of 12.60% return on equity.

The Company included in the RSA filing a hypothetical or "target" capital structure comprised of 47% Long-Term Debt and 53% Common Equity. The Company's balance sheet for the twelve-month period ending March 31, 2020 reflected an actual capital structure, consisting of 47.69% Long-Term Debt and 52.31% Common Equity. ORS used the Company's actual capital structure for this period for purposes of the RSA.

The actual common equity ratio at March 31, 2020 is 3.04 percentage points lower than the actual common equity ratio at March 31, 2019 (*i.e.*, 55.35%), primarily driven by an increase in the Company's amount of long-term debt. ORS recommends the actual capital structure for the current period be used for this report.

Excess Tax Collections

After the 2017 Tax Cuts and Jobs Act was passed into law, the Company's federal income tax rate decreased from 35% to 21%. From January 1, 2018 and continuing through October 31, 2018, the Company collected revenues from customers based on a 35% federal income tax rate. The Company refunded these through a special decrement ("Special Decrement") designed to fully refund this excess amount to customers by October 31, 2020. The Company currently anticipates that a balance of approximately \$50,000 will remain in the regulatory liability as of October 31, 2020. The Company proposes to terminate the Special Decrement rate effective with the first billing cycle of November 2020, and to record to its cost of gas deferred account in November 2020 a credit or debit for the actual remaining regulatory balance due to customers or due to Company as of October 31, 2020. ORS will verify the balance of the regulatory liability included by the Company in its cost of gas deferred account in November 2020 as part of the Company's 2021 Purchased Gas Adjustment examination.

Rate Design and Allocation of Additional Revenue

S.C. Code Ann. § 58-5-440 states, "The proposed rate changes, filed by the utility, shall conform as nearly as is practicable with the revenue allocation principles contained in the most recent rate order." ORS has reviewed the Company's proposed tariffs for conformance, as nearly as practicable, with the revenue allocation principles set out in the Company's most recent rate order, which is Commission Order No. 2002-761 in Docket No. 2002-63-G. If the Commission approves the findings of ORS's examination, the Company would then apply the change in revenue amount in proportion to the Company's Request using the same criteria. ORS will verify the new rates generate the approved revenue change.

Revenue Verification

ORS verified the approved rates for April 1, 2019 through March 31, 2020 reflect actual revenues generated during the Review Period. ORS utilized the approved rates in effect at the time the Monitoring Report was filed to obtain the annualized revenues. ORS utilized the rate schedules effective November 1, 2019, and a pro-forma adjustment to revenue and expenses for the cost of gas as reflected in the Company's most recent Gas Cost Recovery Mechanism.

ORS verified the proposed revised tariffs in Schedule 2 of Piedmont's filing will have the following effects. A margin revenue increase of \$15,428,794 for the adjustment for proposed margin (Piedmont Schedule 7, adjustment 11) and a demand cost revenue decrease of \$2,982,375 (Piedmont Schedule 7, adjustment 17).

ORS's review determined the retail revenue target increase is as follows:

- 1) A margin revenue increase of \$14,567,548 for the adjustment for proposed margin (ORS Schedule 1, adjustment 11); and
- 2) A demand cost revenue decrease of \$2,983,717 (ORS Schedule 1, adjustment 17).

ORS decreased the Company's proposed revenue increase by \$862,588 or 6.93%. The results of ORS's examination are shown on Schedule 1.

Conclusions

ORS reviewed Piedmont's Monitoring Report and conducted an examination of the Company's books and records. ORS recommends the following revenue and rate impacts:

- Margin revenue increase of \$14,567,548; and
- Demand cost revenue decrease of \$2,983,717 for Cost of Gas Demand.

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Schedule 1

Piedmont Natural Gas Company South Carolina Operations Net Operating Income and Rate of Return For the Twelve-Month Period Ended March 31, 2020 Docket No. 2020-7-G

		_	(1) Per Regulatory Books	(2) ORS Accounting and Pro Forma Adjustments		(3) ORS As Adjusted	(4) Adjustments for Proposed Margin Increase		(5) Adjustments for Demand Cost Under(Over) Recovery	_	(6) Total After Proposed Rates
1	Operating Revenues Sale and Transportation of Gas	\$	140,783,411 \$	2,850,891	(1) \$	143,634,302 \$	14,567,548	(11) \$	(2,983,717)	(17) \$	155,218,133
2	Other Operating Revenues	_	560,435	0		560,435	0		0	_	560,435
3	Total Operating Revenues	-	141,343,846	2,850,891		144,194,737	14,567,548		(2,983,717)	_	155,778,568
	Operating Expenses										
4	Cost of Gas		56,546,866	394,021	(2)	56,940,887	0			(18)	53,983,588
5	Operations and Maintenance		34,368,454	(807,457)	(3)	33,560,997	40,903	(12)	(8,378)	(19)	33,593,522
6	Depreciation		15,148,315	3,076,634	(4)	18,224,949	0		0		18,224,949
7	General Taxes		2,152,006	5,600,744	(5)	7,752,750	88,077	(13)	(18,040)	(20)	7,822,787
8	State Income Taxes		647,133	342,311	(6)	989,444		(14)	0		1,711,373
9	Federal Income Taxes		2,847,383	220,665	(7)	3,068,048	2,880,495	(15)	0		5,948,543
10	Amortization of Investment Tax Credits	-	(4,788)	0	•	(4,788)	0		0	_	(4,788)
11	Total Operating Expenses	-	111,705,369	8,826,918	-	120,532,287	3,731,404	•	(2,983,717)	_	121,279,974
12	Net Operating Income		29,638,477	(5,976,027)		23,662,450	10,836,144		0		34,498,594
13	Interest on Customers' Deposits		(95,480)	0		(95,480)	0		0		(95,480)
14	Amortization of Debt Redemption Premium		0	0	(8)	0	0		0		0
15	Allowance for Funds Used During Construction		740,598	0		740,598	0		0		740,598
16	Customer Growth	-	248,963	(50,198)	(9)	198,765	91,024	(16)	0	_	289,789
17	Net Operating Income for Return	\$ _	30,532,558 \$	(6,026,225)	\$	24,506,333 \$	10,927,168	\$	0	\$ _	35,433,501
	Rate Base:										
18	Plant in Service	\$	714,262,238 \$	0	\$	714,262,238				\$	714,262,238
19	Accumulated Depreciation	-	(251,993,328)	0		(251,993,328)				_	(251,993,328)
20	Net Plant in Service Add:		462,268,910	0		462,268,910					462,268,910
21	Construction Work in Progress		35,877,604	0		35,877,604					35,877,604
22	Materials and Supplies		6,603,812	0		6,603,812					6,603,812
23	Cash Working Capital		(1,202,856)	(100,932)	(10)	(1,303,788)					(1,303,788)
	Deduct:					,					,
24	Customers' Advances		0	0		0					0
25	Customers' Deposits		2,774,724	0		2,774,724					2,774,724
26	Accumulated Deferred Income Taxes		93,094,892	0		93,094,892					93,094,892
27	Unclaimed Funds	-	23,085	0		23,085				_	23,085
28	Total Rate Base:	\$	407,654,769 \$	(100,932)	\$	407,553,837				\$ _	407,553,837
29	Rate of Return	=	7.49%		;	6.01%				=	8.69%
30	Return on Common Equity	_	10.30%			7.47%				_	12.60%

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Line <u>No.</u>	<u>Description</u>	Per ORS	Per Piedmont	
1	Operating Revenues - Sale and Transportation of Gas			
	To adjust revenues to the going-level basis.	\$ 2,850,891	\$ 2,850,891	
	Total Operating Revenues - Sale and Transportation of Gas	\$ 2,850,891	\$ 2,850,891	
2	Cost of Gas			
	To adjust cost of gas to the going-level basis.	\$ 394,021	\$ 394,021	
	Total Cost of Gas	\$ 394,021	\$ 394,021	
3	Operations and Maintenance Expenses			
;	a. To adjust payroll expenses to the going-level basis.	\$ 274,707	\$ 274,707	
1	o. To adjust pension and OPEB expenses to the going-level basis.	\$ (176,910)	\$ (133,861)	
	2. To adjust employee retirement and welfare benefit expenses to the going-level basis.	\$ 321,661	\$ 321,661	
(1. To adjust expenses for the provision for uncollectible accounts to reflect actual net write-offs over a three-year period.	\$ (73,974)	\$ (73,974)	
	e. To adjust expenses for allocations to non-utility activities.	\$ (13,341)	\$ (13,341)	
	f. To adjust LTI - equity incentives expenses to the going-level basis	\$ -	\$ 19,111	
:	g. To adjust STI - short term incentives expenses to the going-level basis.	\$ -	\$ (282,922)	
1	n. To adjust lease expenses to the going-level basis.	\$ 60,928	\$ 60,928	
	i. To adjust expenses for the South Carolina assessment fee.	\$ (24,830)	\$ (84,261)	
j	. To adjust expenses for amortization of deferred SC environmental expense.	\$ 306,436	\$ 306,436	
1	x. To adjust expenses for Gas Technology Institute (GTI) program dues expense.	\$ -	\$ -	
	l. To adjust expenses for lobbying as non-allowable for ratemaking purposes.	\$ (4,097)	\$ (4,097)	
ı	n. To adjust expenses for 50% of aviation as non-allowable for ratemaking purposes.	\$ (68,986)	\$ (98,486)	
1	n. To adjust expenses for other non-allowables for ratemaking purposes.	\$ (705,780)	\$ (622,185)	
,	To adjust the Company's LTI & STI to remove amounts associated with Earnings Per Share and Total Shareholder Return and remove 50% of the Company's four highest compensated executives' base pay and benefits.	\$ (703,271)	\$ 	
	Total Operations and Maintenance Expense	\$ (807,457)	\$ (330,284)	

Line <u>No.</u>		Description	Per ORS	Per Piedmont
4		Depreciation Expense		
		To adjust depreciation expense to the going-level basis using the most current depreciation study rates.	\$ 3,076,634	\$ 3,076,634
		Total Depreciation Expense	\$ 3,076,634	\$ 3,076,634
5		General Taxes		
	a.	To adjust property taxes to the going-level basis.	\$ 5,630,918	\$ 5,630,918
	b.	To adjust franchise taxes to the going-level basis.	\$ (15,680)	\$ (15,680)
	c.	To adjust payroll tax expenses to the going-level basis.	\$ 21,015	\$ 834
	d.	To adjust the utility license fee (rate of .3%) to the going-level basis.	\$ 8,553	\$ 8,553
	e.	To adjust the gross receipts tax (rate of .304614%) to the going level basis.	\$ 8,684	\$ 7,413
	f.	To adjust payroll tax expenses based upon ORS adjustment 3o.	\$ (52,746)	\$
		Total General Taxes	\$ 5,600,744	\$ 5,632,038
6		State Income Taxes		
		To adjust state income taxes (rate of 5%) to reflect the impact on income for accounting and pro forma adjustments.	\$ 342,311	\$ 323,027
		Total State Income Taxes	\$ 342,311	\$ 323,027
7		Federal Income Taxes		C
	a.	To adjust federal income taxes (rate of 21%) to reflect the impact on income for accounting and pro forma adjustments.	\$ 1,100,500	1,023,556
	b.	To adjust expenses for the 2017 tax reform EDIT giveback to customers.	\$ (879,835)	\$ (879,835)
		Total Federal Income Taxes	\$ 220,665	\$ 143,721
8		Amortization of Debt Redemption Premium		
		To adjust net operating income for amortization of debt redemption premium.	\$ 	\$
		Total Amortization of Debt Redemption Premium	\$ 	\$ _
9		Customer Growth		
		To adjust net operating income to reflect anticipated customer growth (rate of .84%) following the adjustments to operating revenues and expenses.	\$ (50,198)	\$ (53,661)
		Total Customer Growth Page 2 of 4	\$ (50,198)	\$ (53,661)

Line <u>No.</u>	<u>Description</u>	Per ORS	Per Piedmont
10	Cash Working Capital		
	To adjust cash working capital following the pro forma adjustments to operations and maintenance expenses (rate of 12.5%).	\$ (100,932)	\$ (41,285)
	Total Cash Working Capital	\$ (100,932)	\$ (41,285)
11	Operating Revenues - Sale and Transportation of Gas		
	To adjust the revenue requirement for the sale and transportation of gas for the proposed margin increase.	\$ 14,567,548	\$ 15,428,794
	Total Operating Revenues - Sale and Transportation of Gas	\$ 14,567,548	\$ 15,428,794
12	Operations and Maintenance Expenses		
	To adjust the provision for uncollectible accounts (rate of .2808%) following the adjustment to operating revenues.	\$ 40,903	\$ 43,321
	Total Operations and Maintenance Expenses	\$ 40,903	\$ 43,321
13	General Taxes		
	To adjust the utility license fee (rate of .3%) and gross receipts tax (rate of 0.304614%) following the adjustment to operating revenues.	\$ 88,077	\$ 86,403
	<u>Total General Taxes</u>	\$ 88,077	\$ 86,403
14	State Income Taxes		
	To adjust state income taxes (rate of 5%) to reflect the impact on income from the adjustments to operating revenues and expenses.	\$ 721,929	\$ 764,954
	<u>Total State Income Taxes</u>	\$ 721,929	\$ 764,954
15	Federal Income Taxes		
	To adjust federal income taxes (rate of 21%) to reflect the impact on income from the adjustments to operating revenues, expenses and state income taxes.	\$ 2,880,495	\$ 3,052,164
	Total Federal Income Taxes	\$ 2,880,495	\$ 3,052,164

Line <u>No.</u>	<u>Description</u>	Per ORS	Per Piedmont	
16	Customer Growth			
	To adjust net operating income to reflect anticipated customer growth (rate of .84%) following the adjustments to operating revenues and expenses.	\$ 91,024	96,448	_
	Total Customer Growth	\$ 91,024	96,448	:
17	Operating Revenues - Sale and Transportation of Gas			
	To adjust the revenue requirement for the sale and transportation of gas associated with demand cost recovery.	\$ (2,983,717)	(2,982,375)	-
	Total Operating Revenues - Sale and Transportation of Gas	\$ (2,983,717)	(2,982,375)	•
18	Cost of Gas			
	To adjust cost of gas for the demand cost recovery.	\$ (2,957,299)	(2,957,299)	
	Total Cost of Gas	\$ (2,957,299)	(2,957,299)	:
19	Operations and Maintenance Expenses			
	To adjust the provision for uncollectible accounts (rate of .2808%) following the adjustment to operating revenues for demand cost recovery.	\$ (8,378)	(8,374)	-
	Total Operations and Maintenance Expenses	\$ (8,378)	(8,374)	•
20	General Taxes			
	To adjust the utility license fee (rate of .3%) and gross receipts tax (rate of 0.304614%) for the adjustment to revenues for demand cost recovery.	\$ (18,040)	(16,702)	_
	Total General Taxes	\$ (18,040)	(16,702)	:

Schedule 3

Piedmont Natural Gas Company South Carolina Operations Weighted Cost of Capital For the Twelve-Month Period Ended March 31, 2020 Docket No. 2020-7-G

				Regulatory	Per Books			ORS As A	Adjusted	After Proposed Rates						
<u>Description</u>	Capital Structure	Ratio	Rate Base	Embedded Cost/Return	Overall Cost/Return	Income For Return	Rate Base	Embedded Cost/Return	Overall Cost/Return	Income For Return	Rate Base	Embedded Cost/Return	Overall Cost/Return	Income For Return		
Long-Term Debt	2,379,650,862	47.69%	194,410,559	4.41%	2.10%	8,573,506	194,362,425	4.41%	2.10%	8,571,383	194,362,425	4.41%	2.10%	8,571,383		
Common Equity	2,610,239,803	52.31%	213,244,210	10.30%	5.39%	21,959,052	213,191,412	7.47%	3.91%	15,934,950	213,191,412	12.60%	6.59%	26,862,118		
Total	4,989,890,665	100.00%	407,654,769		7.49%	30,532,558	407,553,837		6.01%	24,506,333	407,553,837		8.69%	35,433,501		